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NPIC/CSD-329/67

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MULTIPLE RIVER CROSSINGS UNDER CONSTRUCTION
HA NOI AREA, NORTH VIETNAM
2104N 10555E

1. SIGNIFICANCE:

THIS BRIEFING BOARD DEPICTS THE CONTINUING EFFORT OF THE NORTH VIETNAMESE TO CONSTRUCT MULTIPLE RIVER CROSSINGS IN THOSE AREAS SUBJECT TO REPEATED U.S. AIR STRIKES.

2. LOCATION:

THE HA NOI RAILROAD BRIDGE OVER THE SONG DUONG [REDACTED] IS UNDER CONSTRUCTION AT 21-04-28N 105-55-19E. AN ALTERNATE RAILROAD BRIDGE IS UNDER CONSTRUCTION AT 21-04-25N 105-55-32E, AND A PROBABLE RAILROAD FERRY IS ALSO UNDER CONSTRUCTION AT 21-04-13N 105-55-42E.

3. BACKGROUND:

THE HA NOI RAILROAD BRIDGE OVER THE SONG DUONG AT UTM WJ958305 WAS FIRST OBSERVED IN JULY 1966 IN AN EARLY STAGE OF CONSTRUCTION. PHOTOGRAPHY OF DECEMBER 1966 REVEALED THAT THE BRIDGE WAS NEARING COMPLETION AS ALL PIERS WERE IN PLACE AND THE APPROACH TRACK HAD BEEN LAID, WITH THE EXCEPTION OF A FIVE HUNDRED FOOT SEGMENT ON THE SOUTH BANK.

4. MISSION READOUT:

[REDACTED] REVEALS CONTINUING CONSTRUCTION ON THE HA NOI RAILROAD BRIDGE OVER THE SONG DUONG WHICH IS LOCATED IMMEDIATELY EAST OF THE RECENTLY DAMAGED HA NOI RAILROAD AND HIGHWAY

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NGA review(s) completed.

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BRIDGE OVER THE SONG DUONG [REDACTED] THE APPROXIMATELY TWENTY-
TWO FOOT WIDE DECKING AND PIERS UNDER CONSTRUCTION ON BOTH APPROACHES
AND THE CONSTRUCTION OF A GENERALLY PARALLEL HIGHWAY ROADBED INDICATE
THAT THIS BRIDGE WILL BE A COMBINATION RAILROAD AND HIGHWAY BRIDGE.

HEAVY, TAUT CABLES, WHICH SPAN THE LENGTH OF THE BRIDGE, WILL
PROBABLY BE USED TO SUPPORT THE DECKING BOTH DURING AND AFTER THE
PLACEMENT OF THE DECK. THREE DECK SPANS, PROBABLY STILL UNDER CON-
STRUCTION, ARE ALIGNED ON EACH RIVER BANK; TWO SPANS ON THE SOUTH BANK
ARE CAMOUFLAGED. THE UNUSUAL DESIGN OF THE BRIDGE SUGGESTS THE POSSIBILITY
OF A SERVICEABILITY DECEPTION TECHNIQUE WHICH WOULD CONSIST OF THE
RAPID REMOVAL/REPLACEMENT OF SPANS, TO GIVE, WHEN DESIRED, THE FALSE
APPEARANCE OF UNSERVICEABILITY.

A NEW ALTERNATE RAIL BY-PASS BRIDGE IS IN THE EARLY STAGE OF CON-
STRUCTION APPROXIMATELY 600 YARDS EAST-SOUTHEAST OF THE HA NOI RAIL-
ROAD BRIDGE OVER THE SONG DUONG. ALSO OBSERVED UNDER CONSTRUCTION ARE
APPROACHES TO A PROBABLE FUTURE RAIL FERRY CROSSING APPROXIMATELY 1000
YARDS EAST-SOUTHEAST OF THE HA NOI RAILROAD BRIDGE OVER THE SONG DUONG.

THE INSET ON GRAPHIC DEPICTS THE HEAVILY DAMAGED HA NOI RAILROAD
AND HIGHWAY BRIDGE [REDACTED]

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